

Converting Colors

$Y_{xy}(28.8867, 0.4580, 0.3546)$

Have a look what the booklet for
Yxy(28.8867, 0.4580, 0.3546)
contains.

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Color

Yxy(28.9137, 0.4579, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	D87862
RGB	216, 120, 98
RGB Percent	85%, 47%, 38%
CMY	0.1529, 0.5294, 0.6156
CMYK	0.00, 0.44, 0.55, 0.15
HSL	11°, 60%, 62%
HSV	11°, 55%, 85%
XYZ	37.2421, 28.9137, 15.1766
YIQ	146.1960, 64.2780, 13.5100

Conversions

Conversions Part 2

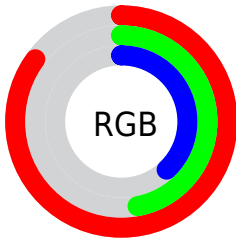
Format	Color
R_{YB}	216, 125, 98
Decimal	14186594
CIE _{Lab}	60.71, 35.25, 28.55
CIE _{LCh}	61, 45.364, 39.008
Yxy	28.9137, 0.4579, 0.3555
Android (android.graphics.Color)	4292376674 (0xFFD87862)
YUV	146.1960, -23.7606, 61.2181
Hunter-Lab	53.7715, 29.5292, 20.9058

Details

The Yxy color **28.9137, 0.4579, 0.3555** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.1488, 0.2372, 0.2981**, and the grayscale version is **28.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7020, 0.4092, 0.3555**, and **11.6634, 0.5070, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **24.7140, 0.4989, 0.3581**, and if you desaturate by 10%, it is **34.0024, 0.4207, 0.3513**.

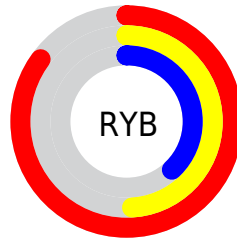
Distribution



Red (85%)

Green (47%)

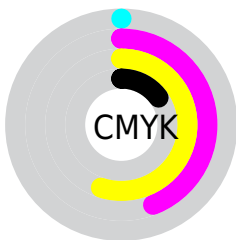
Blue (38%)



Red (85%)

Yellow (49%)

Blue (38%)

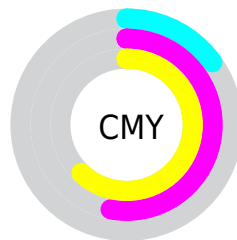


Cyan (0%)

Magenta (44%)

Yellow (55%)

Black (15%)



Cyan (15%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9137, 0.4579, 0.3555 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 28.9137, 0.4579, 0.3555 by changing the saturation by 10% instead.


 28.9137, 0.4579,
0.3555


 28.9137, 0.4579,
0.3555


296.8076, 0.3793,
0.3457

 19.0155, 0.4790,
0.3562


 57.9399, 0.4281,
0.3531


 11.6815, 0.5067,
0.3558


 77.8368, 0.4173,
0.3518

 6.5272, 0.5440,
0.3527


 101.8354, 0.4083,
0.3506

 3.1682, 0.6002,
0.3454

 130.3201, 0.4007,
0.3494

 1.2202, 0.6793,
0.3207

163.6752, 0.3942,
0.3484

 0.0781, 0.9232,
0.0768

202.2853, 0.3885,

 0.0000, 0.0000,

0.3474

0.0000

246.5346, 0.3836,
0.3465

■ 28.9137, 0.4579,
0.3555

■ 28.9137, 0.4579,
0.3555

■ 24.7140, 0.4989,
0.3581

■ 34.0024, 0.4207,
0.3513

■ 21.3473, 0.5410,
0.3582

■ 40.0229, 0.3885,
0.3463

■ 18.7579, 0.5795,
0.3550

■ 47.0207, 0.3613,
0.3411

■ 16.8810, 0.6094,
0.3486

■ 55.0369, 0.3388,
0.3360

■ 16.1345, 0.6215,
0.3447

■ 64.1102, 0.3202,
0.3311

■ 74.2773, 0.3048,
0.3266

■ 85.5731, 0.2922,
0.3225

■ 93.3400, 0.2894,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9137, 0.4199, 0.3017



28.9137, 0.4579, 0.3555



28.9137, 0.4499, 0.4099

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.9137, 0.4579, 0.3555



28.9137, 0.2664, 0.4229



28.9137, 0.2190, 0.2162

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.9137, 0.4579, 0.3555



46.1488, 0.2372, 0.2981

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.9137, 0.1890, 0.2313



28.9137, 0.4579, 0.3555



28.9137, 0.2126, 0.3463

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.9137, 0.4579, 0.3555



28.9137, 0.3364, 0.4641



28.9137, 0.1864, 0.2751



28.9137, 0.2750, 0.2257

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.9137, 0.4579, 0.3555



28.9137, 0.4224, 0.4413



28.9137, 0.1864, 0.2751



28.9137, 0.2060, 0.2183

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.9152, 0.4579, 0.3555



78.2629, 0.3420, 0.3368



27.2501, 0.3425, 0.2198



16.2160, 0.3464, 0.3378



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9152, 0.4579, 0.3555



34.9142, 0.5074, 0.3583



47.5794, 0.4142, 0.4231



12.7914, 0.3286, 0.3334



9.6652, 0.6193, 0.3465



0.6965, 0.5870, 0.3721

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.1488, 0.2372, 0.2981



62.3500, 0.2257, 0.2901



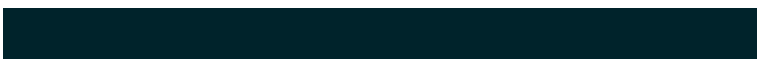
24.9896, 0.2187, 0.2090



13.6961, 0.2983, 0.3246



21.4042, 0.2080, 0.2686



1.3952, 0.2112, 0.2802

Previews

White Background



This preview shows how the Yxy color 28.9137, 0.4579, 0.3555 looks on a white background.

Color Contrast Check

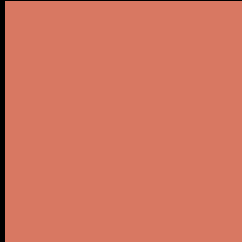
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 28.9137, 0.4579, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9137, 0.4579, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 28.9137, 0.4579, 0.3555.



This preview shows how white text looks on a background with the Yxy color 28.9137, 0.4579, 0.3555.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.9137, 0.4579, 0.3555

Protanopia

29.1397, 0.3618, 0.3890

Deuteranopia

28.9114, 0.4042, 0.3957



Tritanopia

28.8769, 0.4286, 0.3185

Trichromacy



Original Color

28.9137, 0.4579, 0.3555

Protanomaly

28.3762, 0.3954, 0.3758

Deuteranomaly

28.6776, 0.4242, 0.3809

Tritanomaly

28.7121, 0.4399, 0.3318

Monochromacy



Original Color

28.9137, 0.4579, 0.3555

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1342, 0.3602, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9137, 0.4579, 0.3555 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 120, 98)` looks like.

```
.text, #text, p{  
    color:rgb(216, 120, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 120, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 120, 98) }
```

Border

The CSS property to change the border of an element to Yxy 28.9137, 0.4579, 0.3555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 120, 98) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 120, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 120, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 120, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 120, 98);  
box-shadow:4px 4px 4px 4px rgb(216, 120,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9137, 0.4579, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 120, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
120, 98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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